

A circular stamp from the Office of Intellectual Property (OIP). The text "OIP" is at the top, "JUN 21 2004" is in the center, and "PATENT & TRADEMARK OFFICE" is at the bottom. A small square box with a "+" sign is to the left of the stamp.

Complete if Known

(use as many sheets as necessary)

Sheet

1

of

4

Application Number	09/599,813
--------------------	------------

09/599,813

Filing Date	Jun 21, 2000
--------------------	--------------

Jun 21, 2000

First Named Inventor	Ardeleanu
----------------------	-----------

Ardeleanu

Group Art Unit	2176
----------------	------

2176

Examiner Name	TRAN, QUOC A
---------------	--------------

TRAN, QUOC A

Attorney Docket Number	MS1-583US
------------------------	-----------

MS1-583US

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
A		6081610		Dwork, et al.	06/27/2000	
		6094657		Hailpern, et al.	07/25/2000	
		6108783		Krawczyk, et al.	08/22/2000	
		6711679		Guski, et al.	03/23/2004	
		6253374		Dresevic, et al.	06/26/2001	
		6263313		Milsted, et al.	07/17/2001	
		6275227		DeStefano	08/14/2001	
		6275599		Adler, et al.	08/14/2001	
		6292897		Gennaro, et al.	09/18/2001	
		6311271		Gennaro, et al.	10/30/2001	
		6345256		Milsted et al.	02/05/2002	
		RE38070		Spies et al.	04/08/2003	
		6609200		Anderson et al.	08/19/2003	
		6701434		Rohatgi	03/02/2004	
		6578144		Gennaro, et al.	06/10/2003	
		6643684		Malkin, et al.	11/04/2003	
		6697944		Jones, et al.	02/24/2004	
	6,502,103		Frey et al.	12/31/2002		
	6,195,661		Filepp et al.	02/27/2001		
	6,167,521		Smith et al.	12/26/2000		

[illegible]

**Examiner
Signature**

Date
Considered

7/8/2006

*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

BEST AVAILABLE COPY

A circular stamp from the Office of Intellectual Property (OIPE). The text "OIPE JC10" is curved along the top inner edge, and "PATENT & TRADEMARK OFFICE" is curved along the bottom inner edge. In the center, the date "JUN 21 2004" is printed. On the left side, there is a small square box containing a plus sign (+).

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 2 of 4

Application Number	09/599,813
Filing Date	Jun 21, 2000
First Named Inventor	Ardeleanu
Group Art Unit	2176
Examiner Name	TRAN, QUOC A
Attorney Docket Number	MS1-583US

[illegible][illegible]

with reference considered, whether or not citation is in conformance

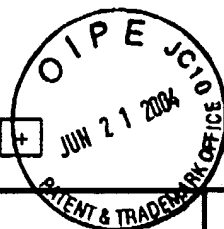
7/8/2004

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

BEST AVAILABLE COPY

Please type a plus sign (+) inside this box →



+

Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	09/599,813	
			Filing Date	Jun 21, 2000	
			First Named Inventor	Ardeleanu	
			Group Art Unit	2176	
			Examiner Name	TRAN, QUOC A	
Sheet	3	of	4	Attorney Docket Number	MS1-583US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	-	NOORE A.; "A secure conditional access system using digital signature and encryption" 2003 Digest of Technical Papers. International Conference on Consumer Electronics June 2003 pp. 220-221.	
		KOMATSU N. et al.; "A proposal on digital watermark in document image communication and its application to realizing a signature" Electronics and Communications in Japan	
		SUN Q. et al.; "A robust and secure media signature scheme for JPEG images" Proceedings of 2002 IEEE Workshop on Multimedia Signal Processing December 2002 pp. 296-299.	
		Whitehill; "Whitehill Composer" Whitehill Technologies Inc. 2 pages.	
		Pacheco et al.; "Delphi 5 Developer's Guide" Sams Publishing 1999 Chapter 31 Section: Data Streaming 6 pages.	
		CLARKE; "From small beginnings"; Knowledge Management, November 2001; www.bl.uk; 2 pages.	
		MCCRIGHT, J.S., "New Tool Kit to Link Groove with Microsoft SharePoint", eWeek, Enterprise News & Reviews, Ziff Davis Media Inc., July 29, 2002, 1 page.	
		MUSGRAVE, S., "Networking technology - impact and opportunities", Survey and Statistical Computing 1996. Proceedings of the Second ASC International Conference. September 1996. pp. 369-78. London, UK.	
		RAPAPORT, L., "Get more from SharePoint", Transform Magazine, vol. 11, no. 3, March 2002, pp. 13, 15.	
		HWANG, Kai et al., "Micro-Firewalls for Dynamic Network Security with Distributed Intrusion Detection," IEEE Int'l. Symposium on Network Computing and Applications, 2001 pp. 68-79.	
		SCHMID, M. et al., "Protecting Data from Malicious Software," 18th Annual Security Applications Conference, 2002, pp. 199-208.	

Examiner Signature		Date Considered	7/8/04
--------------------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

BEST AVAILABLE COPY

A circular stamp from the Office of Intellectual Property (OIP). The text "OIP" is at the top, "JC10" is at the top right, and "PATENT & TRADEMARK OFFICE" is at the bottom. The date "JUN 21 2004" is in the center. There is a small square box with a "+" sign on the left side of the stamp.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

4

o

4

Application Number	09/599,813
--------------------	------------

09/599,813

Filing Date	Jun 21, 2000
--------------------	--------------

Jun 21, 2000

First Named Inventor	Ardeleanu
----------------------	-----------

Ardeleanu

Group Art Unit	2176
----------------	------

2176

Examiner Name	TRAN, QUOC A
---------------	--------------

TRAN, QUOC A

Attorney Docket Number	MS1-583US
------------------------	-----------

MS1-583US

[illegible]

**Examiner
Signature**

Date
Considered

7/8/2006

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

BEST AVAILABLE COPY